# Senescent bladder cancer cells promote acquired cisplatin resistance by facilitating macrophage infiltration

## Supplementary File

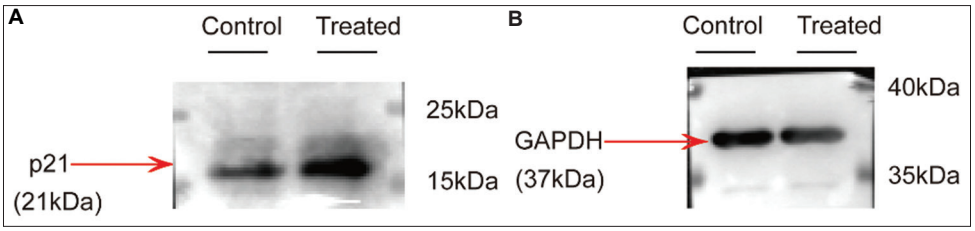


**Figure R1.** Raw Western blot images for p21 (21 kDa) and GAPDH (37 kDa) shown in Figure 1
Abbreviation: GAPDH: Glyceraldehyde-3-phosphate dehydrogenase.

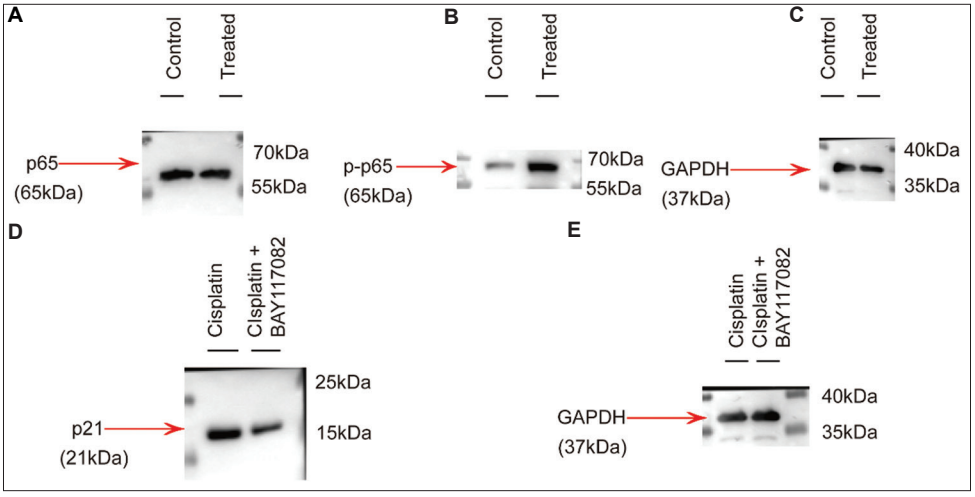


**Figure R2.** Raw Western blot images shown in Figure 2. (A) p65 (65 kDa), (B) p-p65 (65 kDa), and (C) GAPDH (37 kDa) in cisplatin-treated and untreated UMUC3 cells. (D) p21 (21 kDa) and (E) GAPDH (37 kDa) in UMUC3 cells treated with cisplatin alone or cisplatin + BAY117082
Abbreviations: GAPDH: Glyceraldehyde-3-phosphate dehydrogenase; p-p65: Phospho p65.

**Table S1. Reverse transcription-quantitative polymerase chain reaction primers**

| Name | Forward (F)/ reverse (R) | Primer sequence (5'-3') |
|---|---|---|
| GAPDH | F | ACACCCACTCCTCCACCTTTG |
| | R | TCCACCACCCTGTTGCTGTAG |
| AR | F | CTCTCACTCTCTGCCTCCAACTTC |
| | R | GCTCTCCTTCTTCTCAGTGGTCAG |
| TNF | F | AAGGACACCATGAGCACTGAAAGC |
| | R | AGGAAGGAGAAGAGGCTGAGGAAC |
| IL6 | F | GCCTTCGGTCCAGTTGCCTTC |
| | R | GTTCTGAAGAGGTGAGTGGCTGTC |
| CXCL1 | F | TCTCTCTTTCCTCTTCTGTTCCTA |
| | R | CATCCCCCATAGTTAAGAAAATCATC |

Abbreviations: AR: Androgen receptor; CXCL1: C-X-C motif chemokine ligand 1; GAPDH: Glyceraldehyde-3-phosphate dehydrogenase; IL6: Interleukin-6; TNF: Tumor necrosis factor.

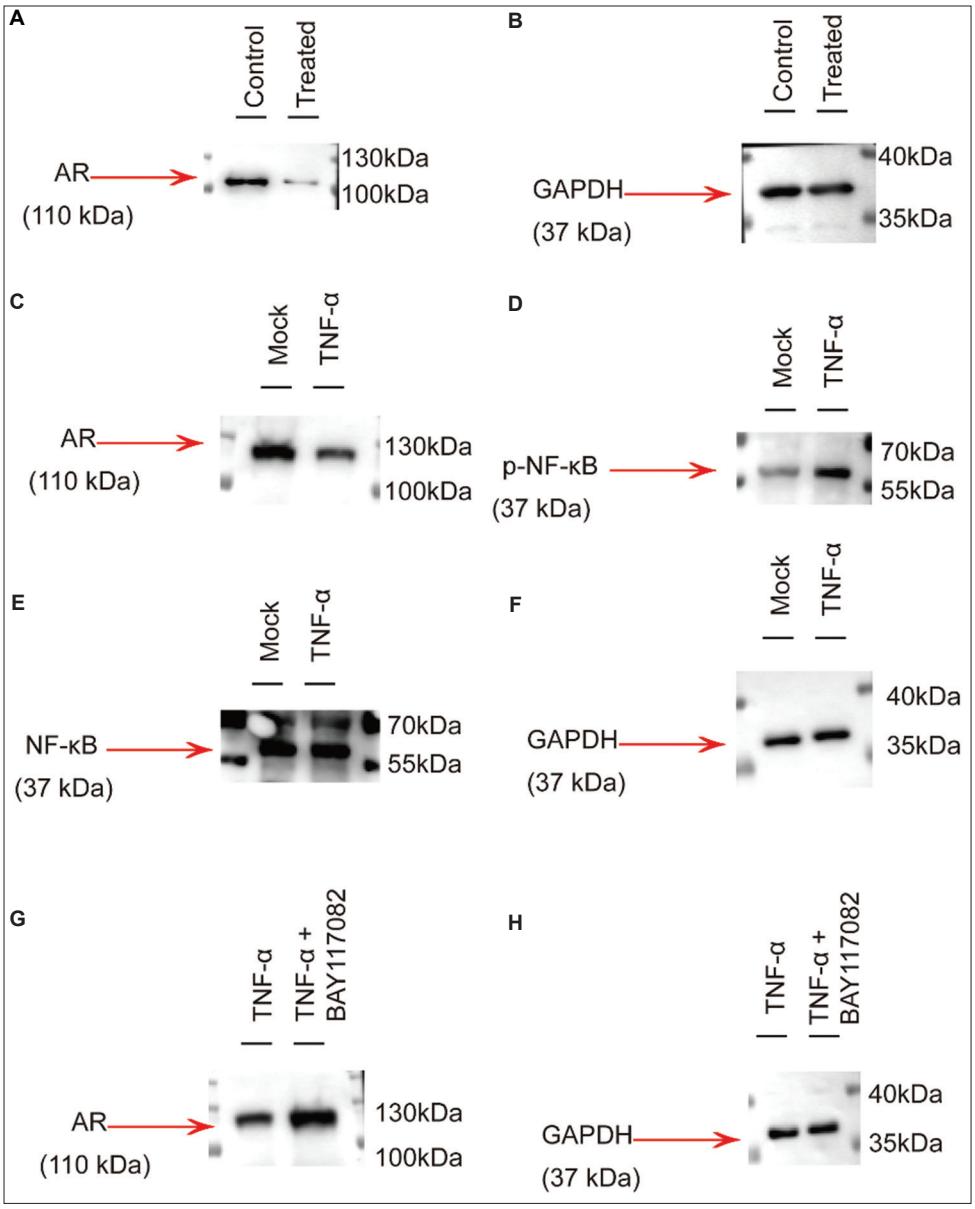


**Figure R3.** Raw Western blot images shown in Figure 3. (A) AR (110 kDa) and (B) GAPDH (37 kDa) in cisplatin-treated and untreated UMUC3 cells. (C) AR (110 kDa) and (D) p-NF-κB (65 kDa) in TNF-α– and mock-treated UMUC3 cells. (E) NF-κB (65 kDa) and (F) GAPDH (37 kDa) in TNF-α– and mock-treated UMUC3 cells. (G) AR (110 kDa) and (H) GAPDH (37 kDa) in UMUC3 cells treated with TNF-α alone and TNF-α + BAY117082 Abbreviations: AR: Androgen receptor; GAPDH: Glyceraldehyde-3-phosphate dehydrogenase; NF-κB: Nuclear factor κ-light-chain-enhancer of activated B cells; TNF-α: Tumor necrosis factor-α.

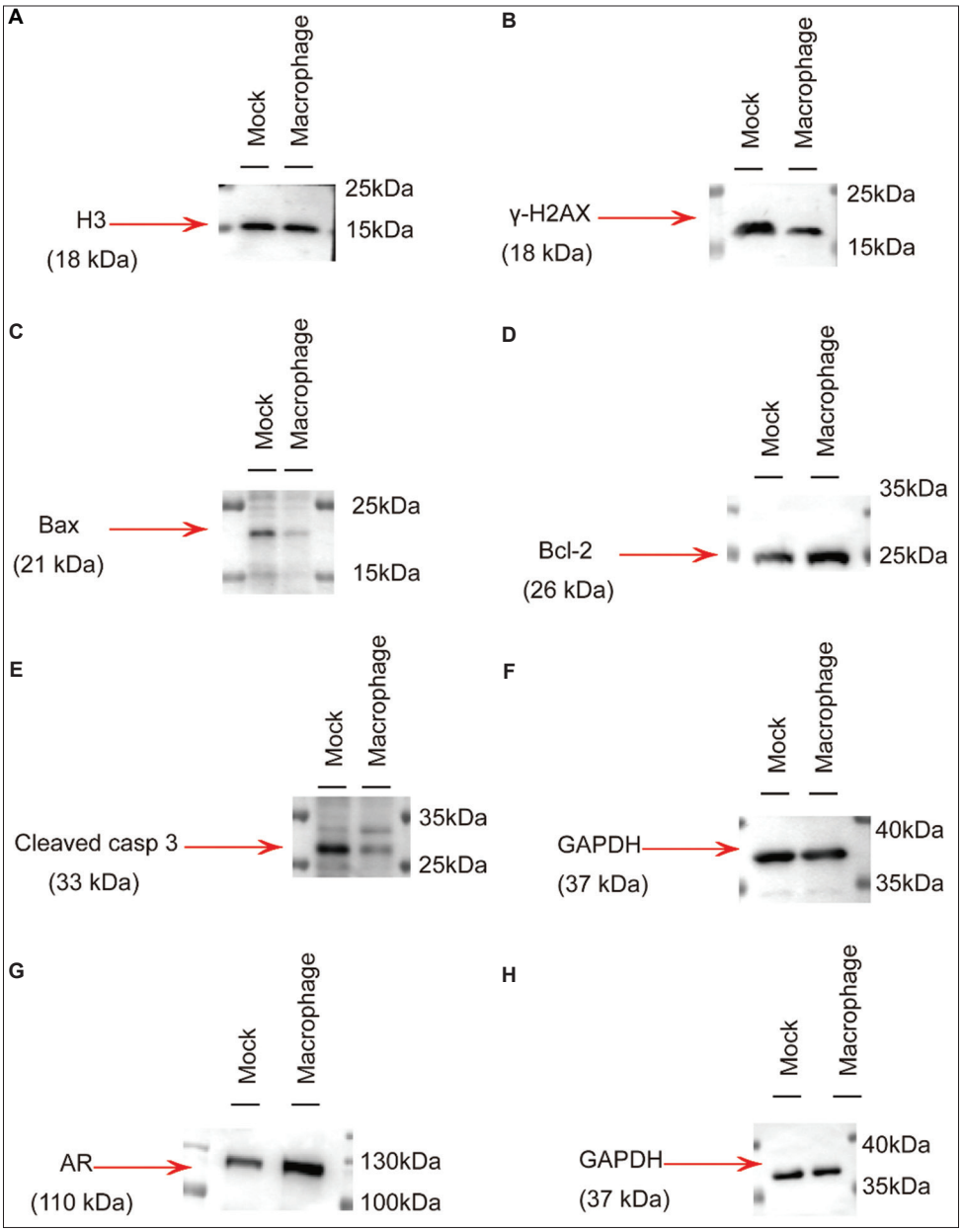


**Figure R4.** Raw Western blot images for Western blotting for (A) H3 (18 kDa), (B) γ-H2AX (18 kDa), (C) Bax (21 kDa), (D) Bcl-2 (26 kDa), (E) cleaved casp3 (33 kDa), (F) GAPDH (37 kDa), (G) AR (110 kDa), and (H) GAPDH (37 kDa) in Figure 5

Abbreviations: γ-H2AX: γ-H2A histone family member X; AR: Androgen receptor; casp 3: Caspase 3; GAPDH: Glyceraldehyde-3-phosphate dehydrogenase.